



SPYWOLF

Security Audit Report



Completed on
October 22, 2022

MADE IN USA 

@SPYWOLFNETWORK



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OVERVIEW

This audit has been prepared for **NYX Soulmate** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





TABLE OF CONTENTS

Project Description	01
Contract Information	02
Current Stats	03-04
Featured Wallets	05
Vulnerability Check	06
Threat Levels	07
Found Threats	08
Good Practices	09
Tokenomics	10
Team Information	11
Website Analysis	12
Social Media & Online Presence	13
About SPYWOLF	14
Disclaimer	15



NYX Soulmate



PROJECT DESCRIPTION

According to their whitepaper:

NYX Soulmate is an AI that introduces compatible people in web3.

The current landscape of web2 socialization apps for dating, networking and friendship strongly rely on looks (photo-based inventories). The metaverse won't be about selfies, but avatars. Imagine a room with 250 avatars, who do you approach first? NYX Soulmate facilitates this navigation by providing a layer of intel and introducing people based on who they are, not how they look. It uses a proprietary Ai created by project's team, based on decades of scientific research in psychometrics and Jungian theory.

Release Date: Public mint starts in October, 2022

Category: NFT



CONTRACT INFO

Token Name

Teste

Symbol

TST

Contract Address

0x26313c5d346A646D3dD66F621F6227B60EB610c9

Network

Binance Smart Chain

Language

Solidity

Deployment Date

Oct 20, 2022

Verified?

Yes

Total Supply

7

Status

Launched

TAXES

Buy Tax
none

Sell Tax
none

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of Oct 22, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount

Additional
information

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	7
Uniq Senders	1
Uniq Receivers	1
Total Amount	7 TST
Median Transfer Amount	1 TST
Average Transfer Amount	1 TST
First transfer date	2022-10-21
Last transfer date	2022-10-21
Days token transferred	1

SMART CONTRACT STATS

Calls Count	12
External calls	12
Internal calls	0
Transactions count	12
Uniq Callers	1
Days contract called	2
Last transaction time	2022-10-21 10:23:43 UTC
Created	2022-10-20 16:08:00 UTC
Create TX	0x983c832e87e63c5a9f7b106191ece0e748b a30aa27ac7572f3de8b42c2093d82
Creator	0x8f8d92a38060b1ffb054b52a3f5ac8dd1156 fb6a



FEATURED WALLETS

Owner address	0x8f8d92a38060b1ffb054b52a3f5ac8dd1156fb6a
---------------	--

TOP 3 UNLOCKED WALLETS

1

7

Same as owner

2

N/A

3

N/A



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

Blacklist Function

- Owner can blacklist any address, making it impossible to sell.

- Recommendation:
 -



Informational

Coding Standards





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

NYX Soulmate

GOOD PRACTICES FOUND

- ✓ The owner cannot stop or pause the contract



The following tokenomics are based on the project's whitepaper and/or website:

No information found

TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://www.nyx soul.ai/>

Domain Registry

<https://1api.net/>

Domain Expiration

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design, nice overall layout, appropriate color scheme and graphics.

Content

The information helps new investors understand what the product does right away.

No grammar mistakes found..

Whitepaper

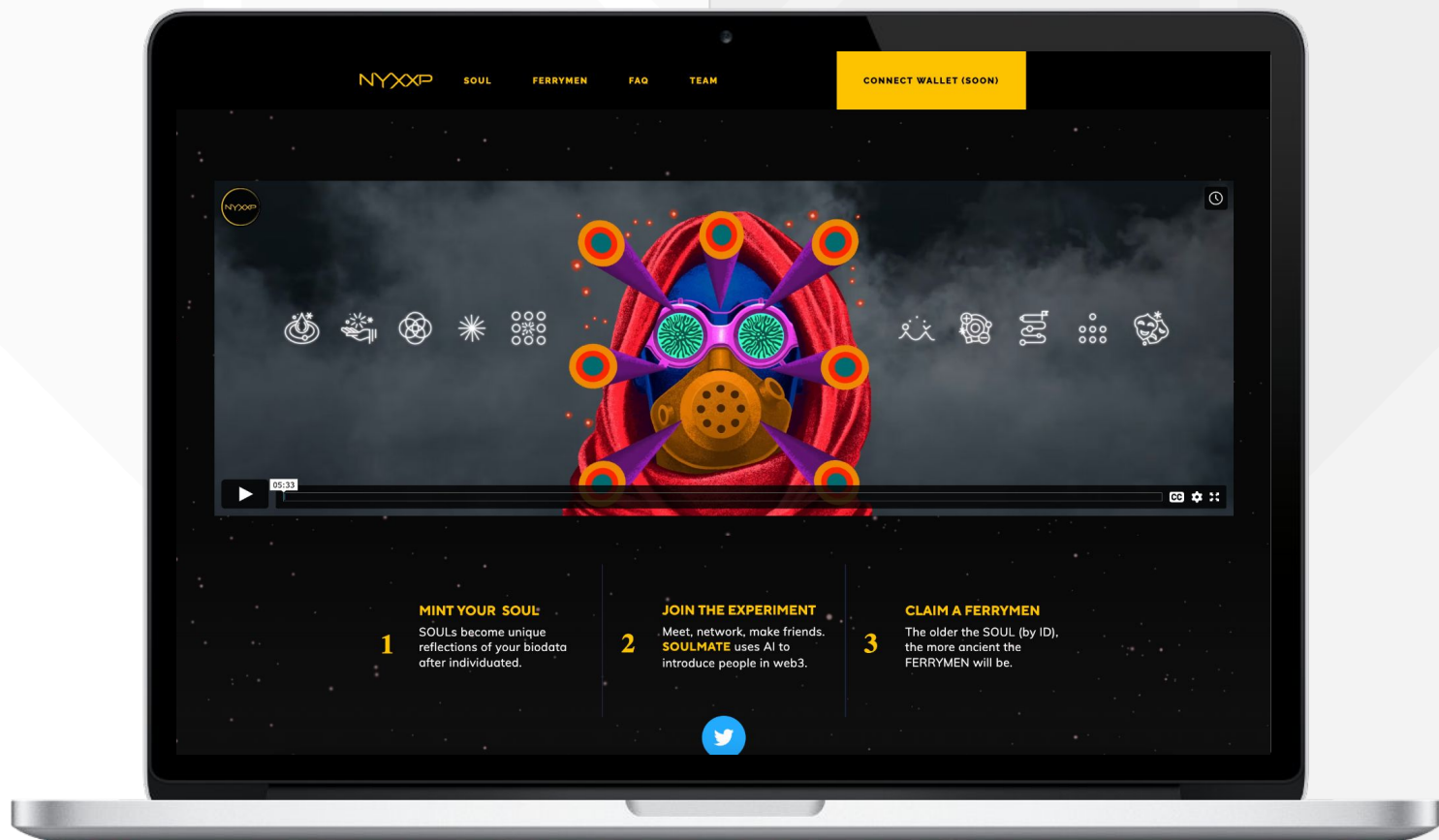
Well written but a bit short

Roadmap

Yes, goals set without time frames.

Mobile-friendly?

Yes



www.nyx soul.xyz

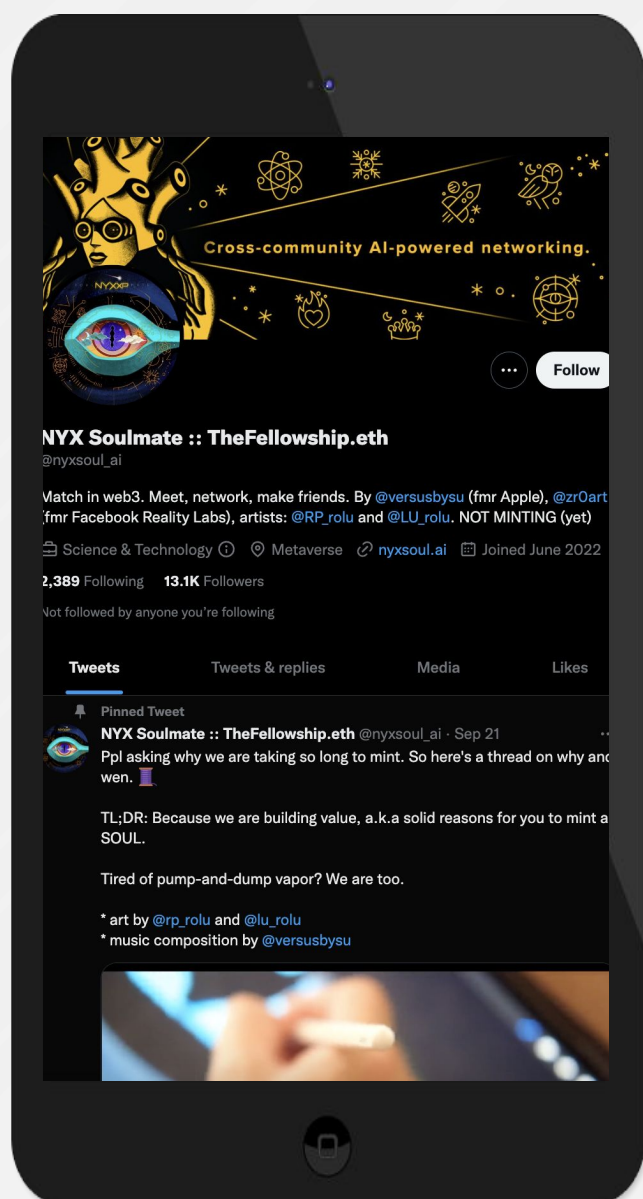


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media activity is concentrated in twitter. It consists of organic users interactions.



Twitter

@nyxsoul_ai

- 13 100 followers
- Posts frequently
- Organic users engagement



Discord

- The Fellowship, project's custom discord, will open after mint for holders.



Telegram

- Not available



Medium

- Not available



SPYWOLF

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ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.